



Incident Action Plan MISSION INCIDENT

11/18/2014

Santa Paula, California

1 of 1 ©CTEH

Operational Period #20

12/09 06:00 - 12/10 06:00

1 of 1 ©CTEH

Incident Action Plan				
Incident:	MISSION INCIDENT	Prepared By: Ashley Reardon		
Period:	#20: 12/09 06:00 - 12/10 06:00	Version Name: P020V01 DRAFT		

Approved By

Organization	Name	Signature
USEPA	Tom Dunkelman	
Ventura County EHD	Craig Cooper	
RP IC	Jason Guzman	

Incident Photo



Included in Action Plan

Include	Incident Forms	Include	Period Forms
∀	Include Incident Cover	∀	ICS 202 - Incident Objectives
	ICS 201-1 - Incident Briefing	∀	ICS 204 - Assignment List(s)
	ICS 201-2 - Summary of Current Actions	∀	ICS 205 - Communication Plan
	ICS 201-3 - Organization Chart	∀	ICS 206 - Medical Plan
	ICS 201-4 - Resource Summary	∀	ICS 207 - Organizational Chart
	ICS 201-5 - Site Safety and Control Analysis		ICS 208 - Site Safety Plan(s)
	Reactive Phase Weather Report		ICS 211P - Check In List
	Reactive Phase Notifications	∀	ICS 230 - Meeting Schedule
			Weather Report
			ICS 213 - General Message(s)
			ICS 214 - Activity Logs

Incident Action	ı Plaı	n
	0	Incident Critique



	ICS 202: Incident Objectives					
Incident:	MISSION INCIDENT	Prepared By: Ashley Reardon				
Period:	#20: 12/09 06:00 - 12/10 06:00	Version Name: 12/08/2014 21:06 CST				

Objective(s)

Work Safely

Ensure the health and safety of the public and response and recovery personnel.

· Secure site

Establish site-wide security measures to preserve site integrity and limit unauthorized access to the Site.

• Identify health threats

Identify potential and immediate threats to human health associated with incident cleanup.

Mitigate health hazards

Work to mitigate the immediate threats to human health and stabilize the site.

Containerize waste

Containerize regulated wastes appropriately to mitigate immediate threats to human health. Inspect all on site waste containers to identify potential threats or unstable dangerous conditions.

Inventory site containers and waste

Create and manage an inventory of on site waste containers to include tanks, tanker trucks, totes, pits, ponds, roll off bins and drums that may require rapid attention. use this inventory to assist in profiling various waste streams for proper disposal.

Operational Period Command Emphasis

Document and swipe confirm 120-barrel staged in A1 and move offsite to Patriot yard

Treat, rinse, and swipe B2 water truck and move to A1 for staging

Treat, rinse, and swipe tops of frac tanks in B3

Rinse and swipe B4

Treat, rinse, and swipe C1, C2, and C3

Treat, rinse, and swipe D1, D3, and D4

Collect samples from the D2 pool and test solidification media

Maintain roll-off and contaminated PPE from Decon A and Decon C

Maintain 24-hr air monitoring

Maintain security around the site to preserve site integrity

Maintain Air Ops

General Situational Awareness

- ENSURE ALL VEHICLES ARE FACING DIRECTION OF EXIT
- UTILIZE ALL APPROPRIATE PROTECTIVE EQUIPMENT
- KNOW YOUR ESCAPE ROUTES
- ENSURE DECON TEAM IS AWARE OF DECON OBJECTIVES
- DRINK LOTS OF WATER
- ESTABLISH AN AREA OF SAFE REFUGE
- MAINTAIN OBSERVATIONS OF ALL CONTROL ZONES AND ENSURE NO UNAUTHORIZED MOVEMENT BETWEEN THE ZONES
- REPORT ALL ILLNESSES AND INJURIES TO YOUR SUPERVISOR



CTEH CENTE	R FOR TOXICOLOGY					
		ICS 204	- Assign	meı	nt List	
Incident:	MISSION INCID	ENT	Period:	#:	20: 12/09 06:00 - 12/10	0 06:00
Branch:			Division / Grou	ıp: De	econ Units	
Prepared By:	: Ashley Reardon		Version Name:	: 12	2/08/2014 17:49 CST	
Unit:	DECON UNITS					
		7	Tactical Objec	tive		
Provide entry direction.	y team decontami	nation process	es in accordanc	ce wit	h job hazard analysis a	nd/or verbal
			Assignment	s		
Personnel wi	ll be assigned to o	designated ing	ress and egress	locat	tions at the site.	
Maintain roll	l-off and contamin	ated PPE from	Decon A and D	econ	С	
		Re	esources Requ	ıired		
Resou	rce Identifier	Lead	er # Un	of iits	Contact	Notes
Decon Team	В	Steve Alcol	a 3		661-340-9389	
Decon Team	С	Josh Bailey	3		661-340-6156	
		Assignm	ent Progress	and l	Issues	
Decon Team	A - demobilized					
]	Location of W	ork		
Designated is	ngress and egress	s locations at th	ne site.			



ICS 204 - Assignment List				
Incident:	MISSION INCIDENT	Period:	#20: 12/09 06:00 - 12/10 06:00	
Branch:		Division / Group:	Site Stabilization Team	
Prepared By: Ashley Reardon		Version Name:	12/08/2014 19:26 CST	
Unit:	SITE STABILIZATION TEAM			

Tactical Objective

Mitigate surfaces in accordance with the Release Area Stabilization Plan as assigned.

Assignments

Neutralize and rinse B2 water truck and move to A1 for staging

Neutralize and rinse B2

Neutralize and rinse tops of frac tanks in B3

Neutralize and rinse C1, C2, and C3

Neutralize and rinse D1, D3, and D4

Resources Required

Resource Identifier	Leader	# of Units	Contact	Notes	
SITE STABILIZATION Task Force E	Steve Alcola	4	661-340-9389		
SITE STABILIZATION Task Force B	Josh Bailey	4	661-340-6156		
Storm Water Control Strike Team	Dave Mosley	1	661-340-7177		

Assignment Progress and Issues

Location of Work

Onsite



#20: 12/09 06:00 - 12/ p: Planning 12/08/2014 19:30 CST ive aintain situational awaren as appropriate	
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of its Contact	Notes
501-515-1228	
and Issues	
_	

Onsite



CTEH CENTE	ER FOR TOXICOLOGY VIRONMENTAL HEALTH,LLC				
		ICS 204 - A	Assignme	nt List	
Incident:	MISSION INCID	ENT P	eriod:	#20: 12/09 06:00 - 1	2/10 06:00
Branch:		D	oivision / Group:	Suppression	
Prepared By	: Ashley Reardon	V	ersion Name:	12/08/2014 19:31 CS	ST
Unit:	HAZMAT/SUPPI	RESSION			
		Tactio	cal Objective		
Provide stan	dby fire suppressi		-	ns as designated by O _l	perations Chief.
			signments		
		on capabilities with			
Provide and processes.	maintain equippe	d personnel to make	e entry if necess	ary during release ar	ea stabilization
		Resour	rces Required		
Resou	rce Identifier	Leader	# of Units	Contact	Notes
Suppression	Team	Mike Sokoloff	3	818-414-1980	
		Assignment 1	Progress and I	ssues	
			tion of Work		
		LUCa	LIOH OF WOLK		
Designated p	points of ingress a	nd egress or as assi	gned.		



	ICS 204 - A	Assignment	List
Incident:	MISSION INCIDENT	Period:	#20: 12/09 06:00 - 12/10 06:00
Branch:		Division / Group:	Environmental
Prepared By: Ashley Reardon		Version Name:	12/08/2014 20:22 CST
Unit:	ENVIRONMENTAL HEALTH		

Tactical Objective

Provide community and site air monitoring. Provide site post stabilization surface sampling to assess the presence or absence of contaminants. Sample collected stormwater for pH and oxidizers as requested.

Assignments

Continue air monitoring in the surrounding community

Continue air monitoring around site perimeter

Provide site stabilization teams with post-stabilization swipe assessments

Provide site stabilization teams with air monitoring support

Swipe B2 water truck

Swipe test B2, B3, and B4

Resour	reac	Dog	horium
Resou	TCES.	Keo	uurea

Resources Required							
Resource Identifier	Leader	# of Units	Contact	Notes			
Environmental Sampling Team	Louis Chacon	2	501-529-7163				
Strike Team 1	Jacob Fenske	2	501-584-8239				
Strike Team 2	Andrew Henault	3	501-366-8818				
Air Monitoring - Community (Days)	Daniel Short	1	501-416-5700				
Air Monitoring - Perimeter (Days)	Alec Scott	1	510-593-0879				
Air Monitoring - Perimeter (Nights)	Lani Dorow	2	719-749-6171				

Assignment Progress and Issues

Share analytical results with the County or other agencies as directed.

Location of Work

The community and in the site as desginated by Operations.



CTEH CENTER FOR TOXICOLOGY AND ENVIRONMENTAL HEALTH, LLC				
	ICS 204 - As	ssignme	nt List	
Incident: MISSION INCIL	DENT F	Period:	#20: 12/09 06:00 -	12/10 06:00
Branch:	I	Division / Grou	p: Chemistry Strike T	eam
Prepared By: Ashley Reardon	7	/ersion Name:	12/08/2014 20:01 (CST
Unit: CHEMISTRY ST	RIKE TEAM			
	Tactica	l Objective		
Provide technical support to In	ncident Management	and Site Stabi	lization Teams.	
	Assi	gnments		
Perform HAZCAT as requested	d			
Conduct efficacy tests				
Oversee stabilization process				
Collect samples from the D2 p	oool and test solidifica	tion media		
	Resourc	es Required		
Resource Identifier	Leader	# of Units	Contact	Notes
Chemistry Strike Team	Randall Woodlee	2	615-504-3484	
	Assignment P	rogress and I	ssues	
	Locati	on of Work		
On Site/HazCat Tent	Louis	01 011 1		



CTEH CENTER FOR TOXICOLOGY and environmental health, LLC				
	ICS 204 - A	A ssignmer	nt List	
Incident: MISSION INCII	DENT	Period:	#20: 12/09 06:00	- 12/10 06:00
Branch:		Division / Gro	up: Coast Guard Stril	ke Team
Prepared By: Ashley Reardon		Version Name	e: 12/08/2014 20:09	O CST
Unit: COAST GUARD	STRIKE TEAM			
	Tactio	cal Objective		
Monitor site operations as nee	eded by the USEPA I	FOSC.		
	Ass	signments		
Provide safety support to the	USEPA FOSC as req	ruested.		
	Resou	rces Required		
Resource Identifier	Leader	# of Units	Contact	Notes
USCG Safety	Gary Barnum	2	714-742-4279	
	Assignment	Progress and I	ssues	
		_		
	Loca	tion of Work		

Onsite



CTE	H C	ENTER FOR TO	OXICOLOGY AL HEALTH, LLC									
ICS 205: Communication Plan												
Incid	ent:	MISSIC	ON INCIDENT		Prepared	l By	: Ashl	ley Re	ardon			
Perio	d:	#20: 12	2/09 06:00 - 12/10 06:00		Version 1	Van	ne: 12/0	8/201	4 19:25	CST		
1 0110		0, 11	12,10 00.00	Radio Listin		1022	10. 12,0	0,201	110.20			
Zone Grp.	Ch #	Function	Channel Name / Trunked Radio Syst		Assignme	ent	RX Freq N or W	RX Tone / NAC	TX Freq N or W	TX Tone / NAC	Mode (A, D or M)	Remarks
Ops	1		Patriot Channel 1		Operation	S	462.475	141.3	467.475	141.3	1-17	
				Phone Listin	gs							
	Na	me	Title	Phone	Radio				Email			Other
Alec G	onza	les	Documentation Unit Lead	702-419-1306		ale	c@alecgo	nzales.o	com			
		nbotham	Decon Branch Manager	501-240-6071		ahi	gginbotha	m@cte	h.com			
Andre	w He	nault	Air Sampling Unit Lead	501-240-6071		ahe	nault@ct	eh.com				
Ashley	Rear	rdon	Planning Section Chief	501-247-6691		are	ardon@ct	eh.com	ı			
Ben Ca	astell	ano	START	818-371-5388	0							
Brad H	Iouch	nin	Site Safety Officer	805-234-3523								
Chris S	Sigala	a	Security Unit Lead	805-620-2598								
Chris 7	Thess	sing	Air Ops Leader	501-515-1228		cth	essing@c	teh.con	ı			
Craig (Coop	er	Ventura County EHD	805-218-4736								
Curtis	Vorh	ees	Safety Officer	661-340-6139								
Dave N	Mosle	ey	Operations Section Chief	661-340-7177	0							
David	Ramo	os	Finance Section Chief	805-755-3300	0							
Don Li	nville	е	Deputy Safety Officer	828-707-4473	0	□ dlinville@cteh.com						
Gary B	Barnu	m	Coast Guard Strike Team Safety Lead	714-742-4279								
Glenn	Austi	in	Ventura County EHD	805-901-8270								
Glenn	Schw	vartz	Decon Group 2 Supervisor	909-212-2028	0							
Jacob l	Fensl	ke	Environmental Sampling Branch Mgr	501-584-8239	0	jfer	iske@ctel	n.com				
Jared V	Weiss	senbach	Finance Section Chief	714-403-6514		jW∈	eissenbacl	n@patr	iotenviron	mental	.com	
Jason (Guzm	nan	RP Incident Commander	805-755-3322		jgu	zman@pa	trioten	vironment	al.com		
Jon Co	lomb)	START									
Josh B	ailey		Decon Group 1 Supervisor	661-414-9075								
Josh B	lanse	ett	Situation Unit Leader	901-573-5613		jbla	nsett@ct	eh.com				
Josh R	odrig	ruez	Supply Unit Lead	661-340-9692	0							
Josh R	odrig	ruez	Supply Unit Lead	661-340-9692	0							
JT Nev	vman	ı	HAZCAT Group Chemist	601-966-6535		jt@	e3respon	se.com				
Kent C	Creigh	nton	Planning Section Deputy Chief	562-310-6969	0							
Kyle La	awre	nce	Operations Deputy Chief	501-366-2698		kla	wrence@c	cteh.co	m			
Marga	ret W	Valdon	FOSC	415-940-1109	0	waldon.margaret@epa.gov						
Mario	Pena	-	Staging Area Unit Lead	805-755-3741								
Mark I	Millei	r	Transportation Supervisor	562-244-1929								
Martin	Pow	rell	FOSC	562-760-7028		pov	vell.marti	n@epa.	gov			
Rich Y	ukihi	ro	Cost Unit Lead	562-244-2764	0							
Robert	t Mar	tinez	Support Unit Lead	805-755-3718	0							
Sam H	lead		Environmental Sampling Unit Lead	501-707-7256		she	ad@cteh.	com				
Tom D	unke	lman	FOSC (Current)	775-721-4712	0	dur	ıkelman.tı	om@ep	a.gov			
Will Ca	anto		Disposal Branch Director	562-244-5108								
	Additional Comments											



ICS 206: Medical Plan Incident: MISSION INCIDENT Prepared By: Ashley Reardon

Period: #20: 12/09 06:00 - 12/10 06:00 Version Name: 12/08/2014 17:33 CST

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LHSt	Alu	Stati	CILUI

Name	Location	EMT On Site	Phone	Radio		
MED496	Briggs & HWY 126	Yes				

Transportation (Ground and/or Air Ambulance Services)

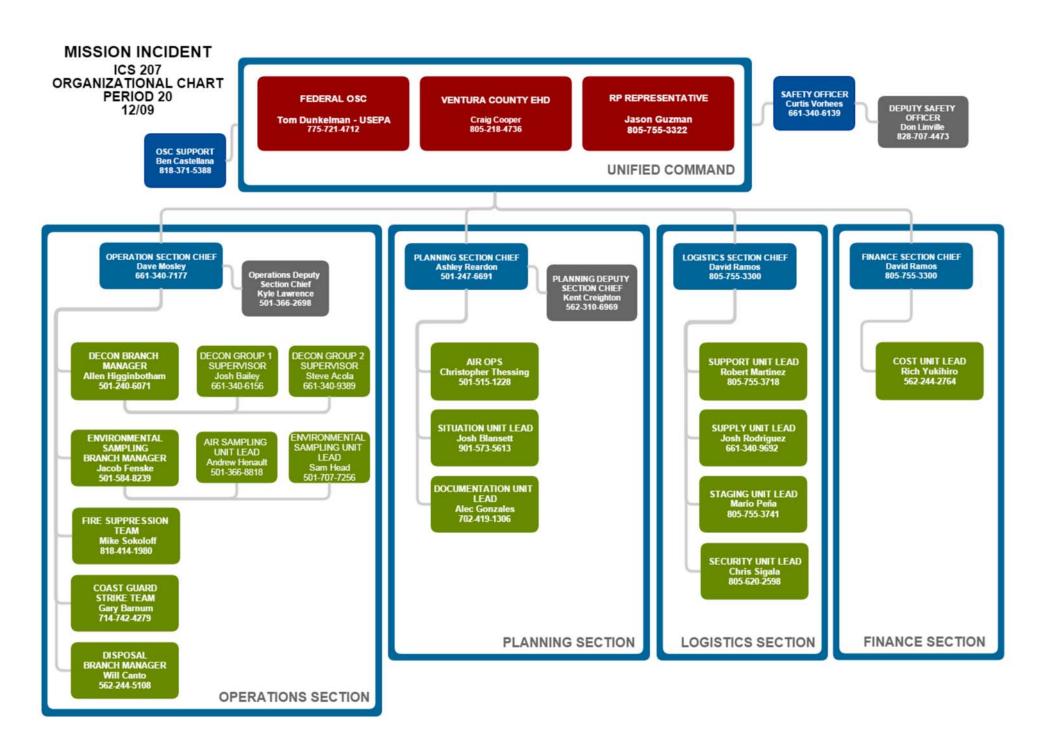
Name	Location	Paramedics	Phone	Radio
AMR Ambulance Service	616 FITCH AVE, MOORPARK, CA	Yes	805-517-2028	

Hospitals

•							
Name	Name Location		Helipad	Phone	Radio		
Santa Paula Hospital - 8min	825 N 10th st, Santa Paula, CA	No	Yes	805-933-8600			
VCMC - 15min	3291 Loma Vista, Ventura, CA	No	Yes	805-652-6000			
St John's Hospital - 22min	1600 N Rose Ave, Oxnard, CA	No	No	805-988-2500			
Los Robles Hospital - 32min	215 W Janss, THousand Oaks, CA	No	No	805-497-2727			

Special Medical Emergency Procedures

CONTACT IMMEDIATE SUPERVISOR IF INJURED OR EXPERIENCING SYMPTOMS OF EXPOSURE. UTILIZE COMMAND CHANNEL TO REQUEST ASSISTANCE. If Immediate EMS needed, paraphrase radio traffic with "Emergency Traffic". Provide the following Info: Type of injury, Location, Number of victims, agency of victim, point of contact, staging location for EMS response and if hazmat entry/decon required.



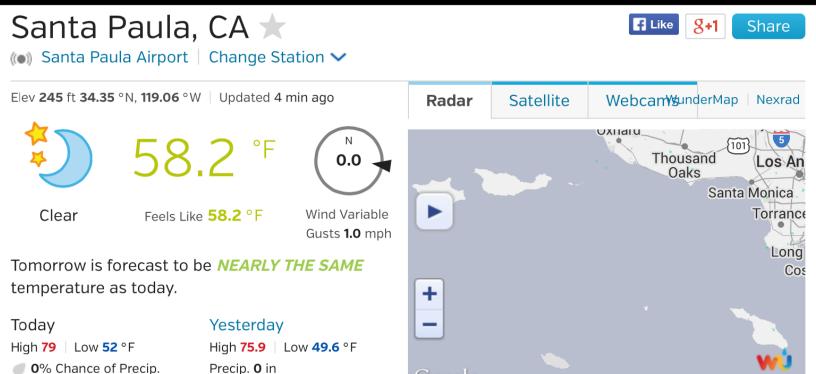


Planning Meeting

12/09/2014 17:00 CST

ICS 230: Daily Meeting Schedule					
Incident: MISSION INCIDENT Prepared By: Ashley Reardon					
Period: #20: 12/09 06:00 - 12/10 06:00 Version Name: 12/08/2014 17:48 CST				CST	
		Meetings			
Meeting Name	Date / Time	Purpose	Attendees	Location	
Operations/Safety Briefing	12/09/2014 07:00 CST		Command Staff		

Command Staff



Google

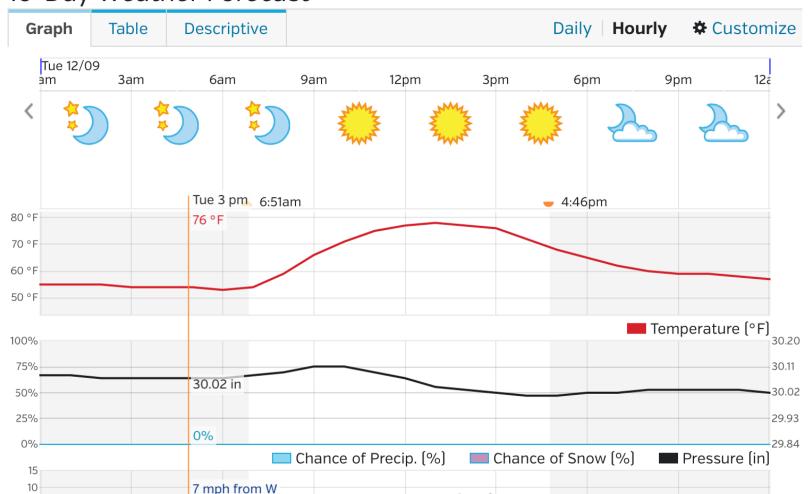
Map data ©2014 Google, INEGI Terms of Use

Sun & Moon

6:50 am 4:46 pm Waning Gibbous,
93% visible

More Conditions

10-Day Weather Forecast

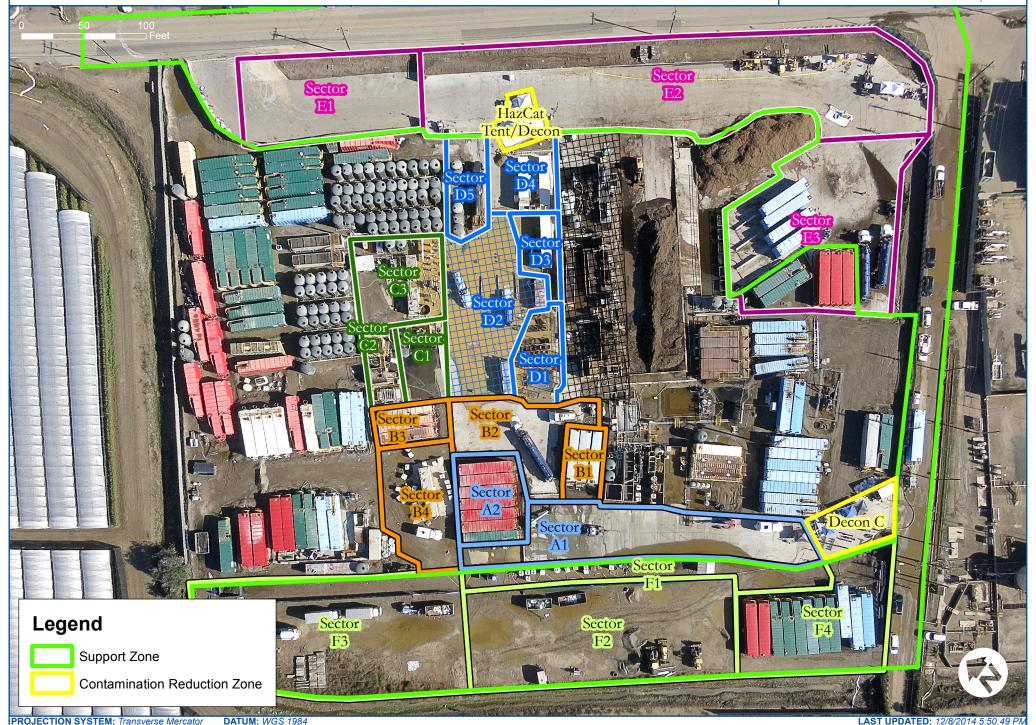




Project: 106846 Client: Patriot Environmental City: Santa Paula, CA County: Ventura



Project: 106846 Client: Patriot Environmental City: Santa Paula, CA County: Ventura



HEALTH AND SAFETY MESSAGE

SAFETY starts with **YOU**

We are **ALL** accountable for **SAFE** behaviors

INCIDENT: MISSION DATE: November 22, 2014 TIME: 0800-1800

Narrative:

Don't let your guard down and pay strict attention to your overall objectives. Brief all those involved any time there is a deviation from the plan or dangerous situations. Ensure site safety plan is completed and the appropriate PPE is utilized for the task assigned. Stay alert and don't become complacent! Obey hazard control lines. Communicate and coordinate with all agencies involved with the plan. Drink plenty of water during your shift and pace yourself.

SAFETY PRACTICE AND PROCEDURES TO MINIMIZE RISK

- ENSURE ALL VEHICLES ARE FACING DIRECTION OF EXIT
- UTILIZE ALL PROTECTIVE EQUIPMENT
- KNOW YOUR ESCAPE ROUTES
- ENSURE DECON TEAM IS AWARE OF DECON OBJECTIVES
- DRINK LOTS OF WATER

- ESTABLISH AN AREA OF SAFE REFUGE
- ENSURE INJURED OR EXPOSED INDIVIDUALS ARE DECONTAMINATED PRIOR TO DEPARTURE FROM SITE
- MAINTAIN OBSERVATIONS OF ALL CONTROL ZONES AND ENSURE NO UNAUTHORIZED MOVEMENT BETWEEN THE ZONES
- REPORT <u>ALL</u> ILLNESSES AND INJURIES TO YOUR SUPERVISOR

Incident Safety Officer: Michael G Valley

Mission Incident Operations Plan

Operational Period: 20 Date: December 9, 2014

Operation Description: Ongoing stabilization of walking/working surfaces and chemical hazard identification

Task 1: Document and Clear 120 bbl Truck and Move to Patriot Yard for Staging

Step	Procedure Described	Primary Resources	Safety Procedures
1.	Swipe test and fully document 120 bbl truck staged in A1.	1 DriversAir monitorpH and oxidizer strips	Liquid splash, and respiratory protectionJHA prior to entrance

Document	Organization	Section	Electronic Filename
Operations Plan	СТЕН	ER	106846 Release Area Stabilization Operations Plan 2.0.doc

Task 3: Application of Sodium Sulfite Solution in all B sectors to Walking Working Surfaces and 120 bbl Vac Truck

Step	Procedure Described	Primary Resources	Safety Procedures
1.	Water truck in B2 sector will be treated with sodium sulfite solution, rinsed, and swiped.	 2 Technicians 1 Driver 1 Frontend Loader 1 Operator Water truck Air monitor Pressure washer pH and oxidizer strips 	 Liquid splash, flash fire protection and respiratory protection JHA prior to entrance RIT Team Fire suppression Vitals check pre and post
2.	Walking/working surfaces in B2 sector will be treated with sodium sulfite solution, rinsed, and swiped.		entry Fall arrest harnesses for man-lift occupants
3.	Rinse and swipe walking/working surfaces B4 sector.	 2 Technicians Air monitor 1 Pressure washer pH and oxidizer strips 	

Document	Organization	Section	Electronic Filename
Operations Plan	СТЕН	ER	106846 Release Area Stabilization Operations Plan 2.0.doc

4.	Container tops in B3 sector will be treated with sodium sulfite solution, rinsed, and swiped. The solution will be applied from the man-lift to reach all accessible areas.	2 Technicians Water truck Air monitor Man-lift as needed 1 Pressure washer pH and oxidizer strips	
5.	Walking/working surfaces in C and D sectors will be treated with sodium sulfite solution. Prior to entry into all C and D sectors, the solution will be applied from the man-lift to reach all accessible areas. Once the walking/working surfaces have been treated from the man-lift, workers will enter C and D sectors to apply the sodium sulfite solution to areas not reached from the man lift.	2 Technicians Water truck 1 Pressure washer Air Monitor Man lift as needed pH and oxidizer strips	

Document	Organization	Section	Electronic Filename
Operations Plan	СТЕН	ER	106846 Release Area Stabilization Operations Plan 2.0.doc

Task 4: Identification of Site Materials and Hazardous Substances in D2

Step	Procedure Described	Primary Resources	Safety Procedures
2.	Continue collecting samples in D and C as necessary and analyze using HazMat ID and other bench top testing procedures. If warranted, samples may be submitted to an off-site laboratory for subsequent analysis. Collect samples from the D2 pool and test solidification media	 1 HazCat kit 2 Technicians pH and oxidizer strips. 1 Technician Solidification media 	 Liquid splash, flash fire protection and respiratory protection JHA prior to entrance RIT Team Fire suppression Vitals check pre and post entry Five-point harnesses anchored to the man-lift railing

Approved as part of this IAP.

Document	Organization	Section	Electronic Filename
Operations Plan	СТЕН	ER	106846 Release Area Stabilization Operations Plan 2.0.doc